

**Blackberries and Raspberries Recently Introduced from
Central and South America,**

"The explorations in Central and South America, which were carried on by the Office of Foreign Seed and Plant Introduction between 1916 and 1921, with the primary object of making a thorough study of the wild and cultivated avocados and securing the most promising ones for trial in those sections of the United States where this fruit can be grown, have resulted in securing, in addition to about thirty-five new avocados and several interesting relatives of this fruit, a number of other useful plants which promise to be of value to our agriculturists and horticulturists.

"Among the most interesting of these miscellaneous plants may be mentioned the several species of *Rubus* obtained in Guatemala, Costa Rica, Colombia, and Ecuador. Two or three of these appear very promising for cultivation in our southern and western states; others are interesting mainly from the standpoint of the plant breeder, who is likely to find in them characters which, when combined with our northern species, will prove of great value.

"Notes regarding these species have appeared in previous issues of *Plant Immigrants*. At the time when these notes were published, however, some of the species were still unidentified. Furthermore, the observations were all made in the field by one not familiar with the genus *Rubus* from the plant breeder's standpoint.

"In company with George M. Darrow, of the Office of Horticultural and Pomological Investigations, Bureau of Plant Industry, I have recently gone over the herbarium material of all the species which I collected in Central and South America. Mr. Darrow is devoting most of his time to breeding work with the genera *Rubus* and *Fragaria*, and has been particularly interested in securing as many species of *Rubus* as possible, for crossing with our northern blackberries and raspberries.

"The following notes made by Mr. Darrow and myself may be of interest to others who are devoting attention to this important genus of plants:

"*Rubus adenotrichos* Schlecht. S. P. I. Nos. 49331, 51123, 53219, 53995, 54279, 54280. Collected in several countries, from Guatemala to Ecuador. In the latter a white-fruited form was obtained (S. P. I. No. 54280).